

Fig. 1

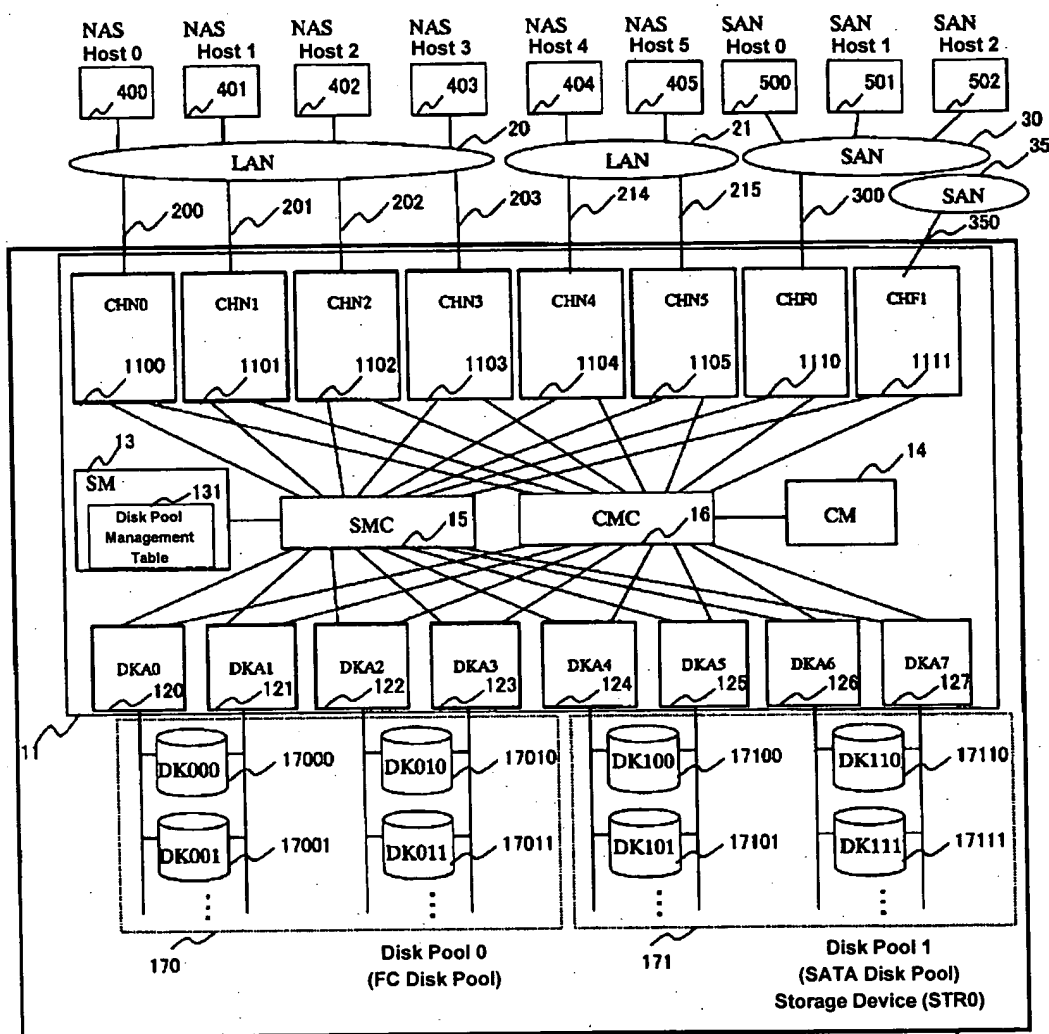


Fig. 2

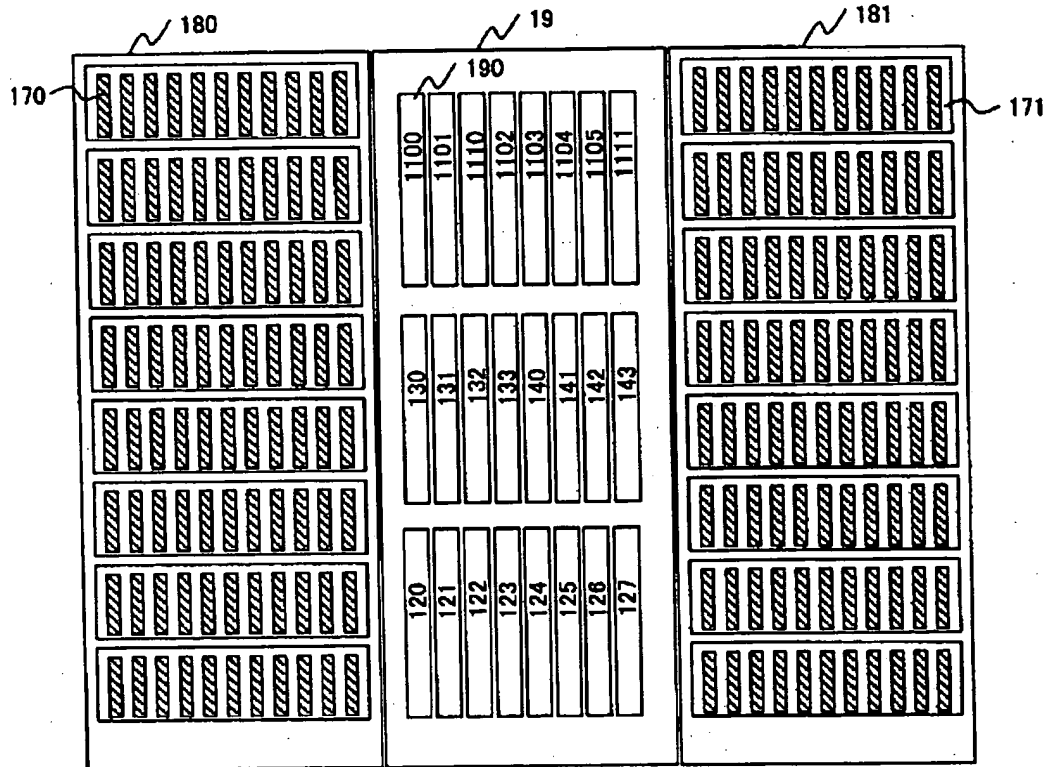


Fig. 3

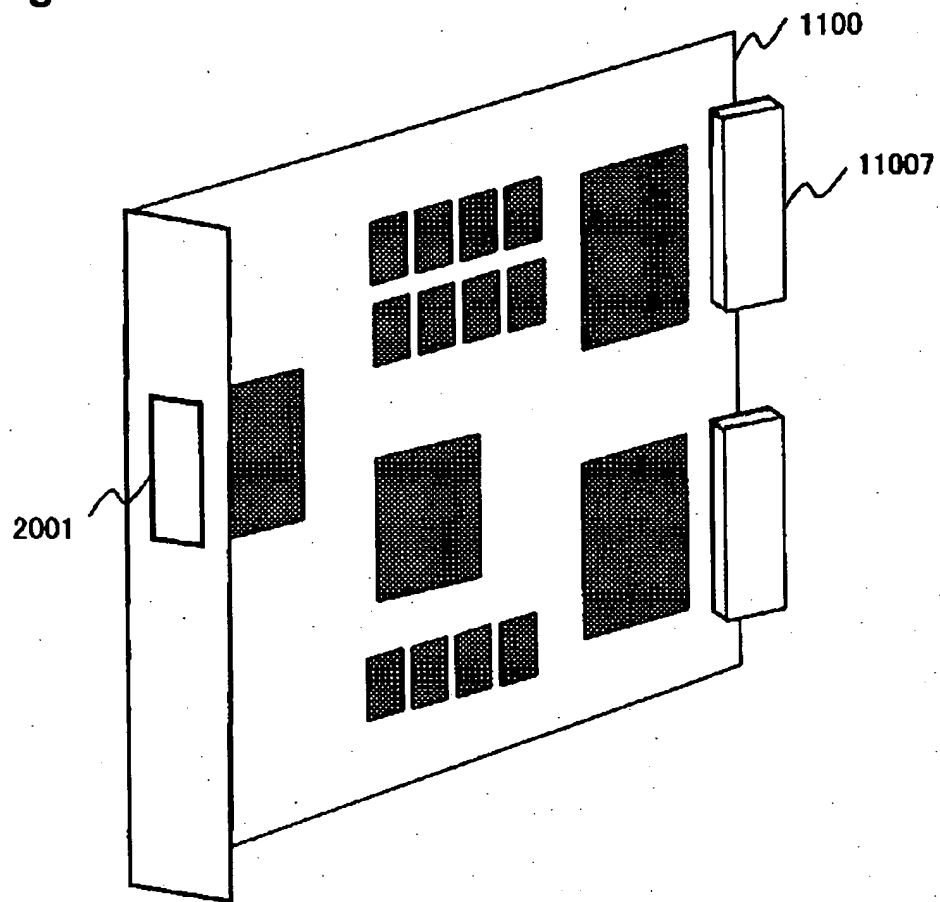


Fig. 4

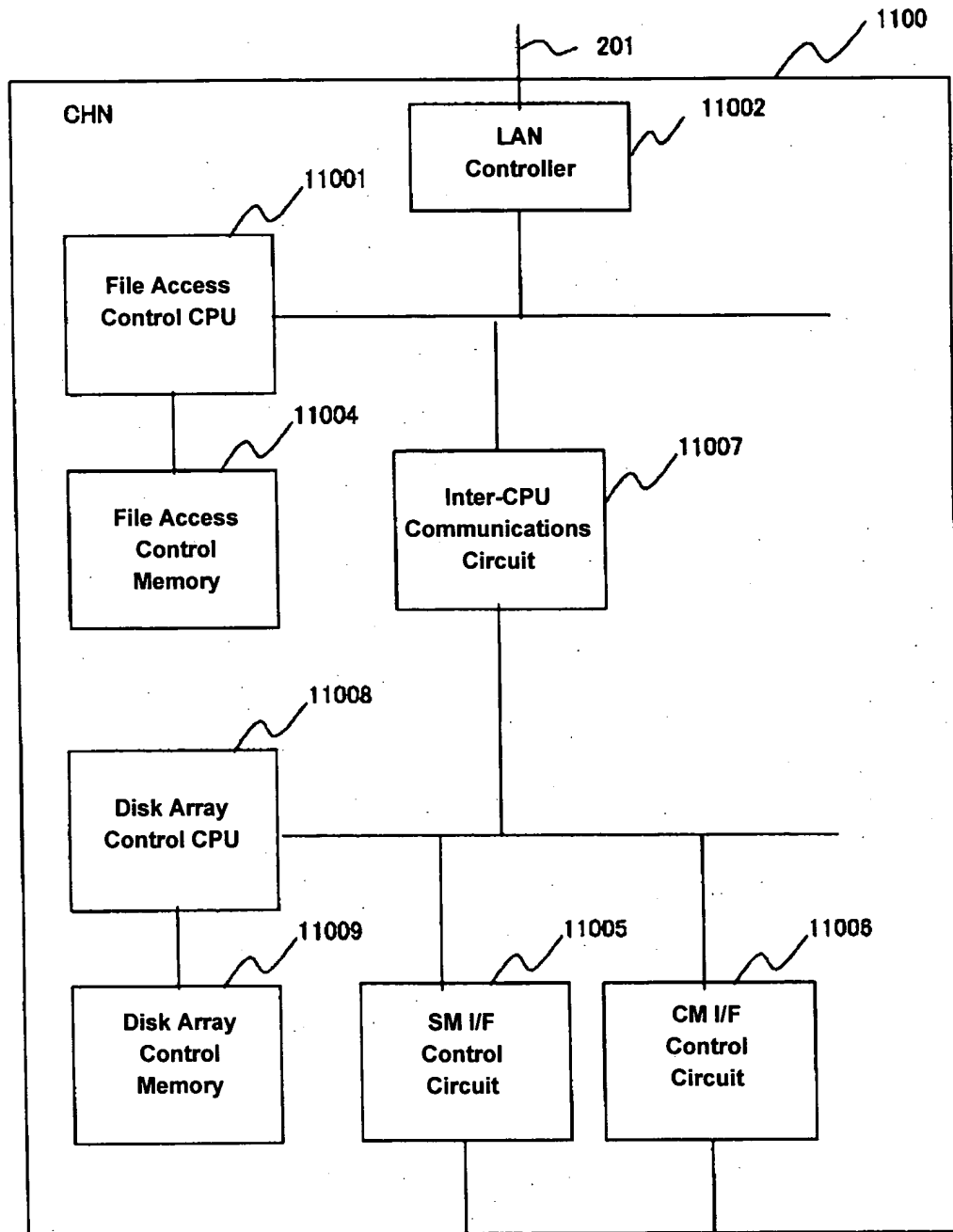


Fig. 5

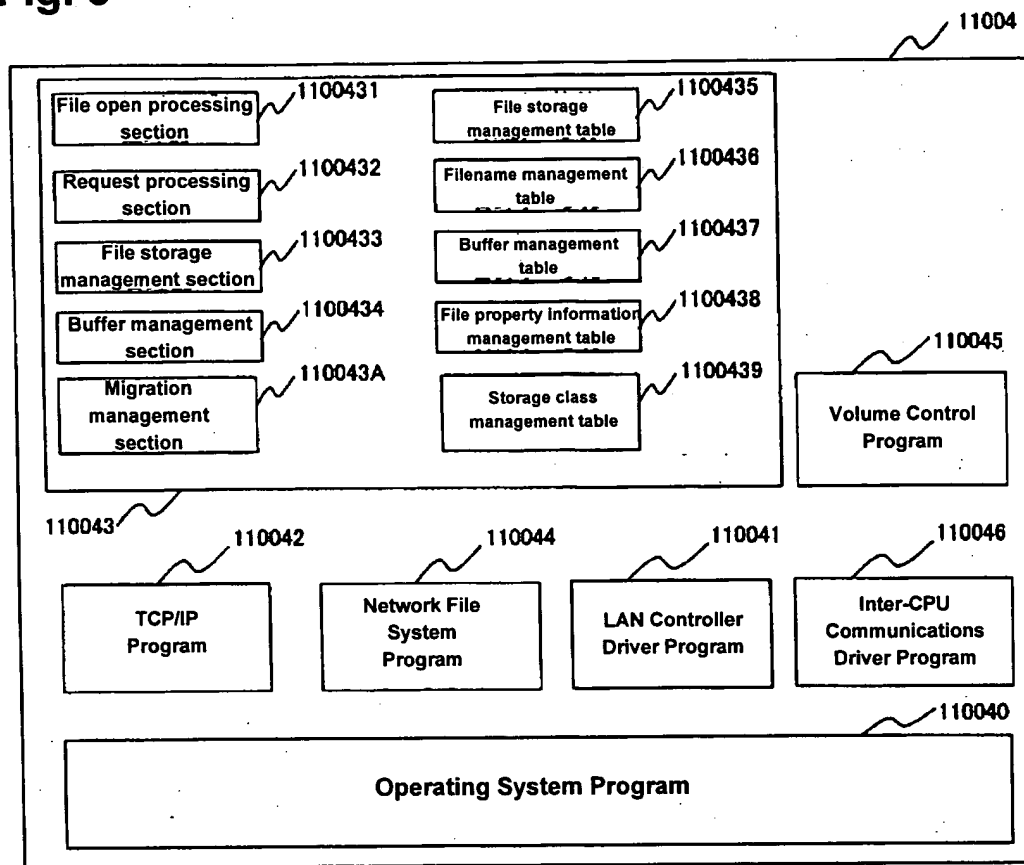


Fig. 6

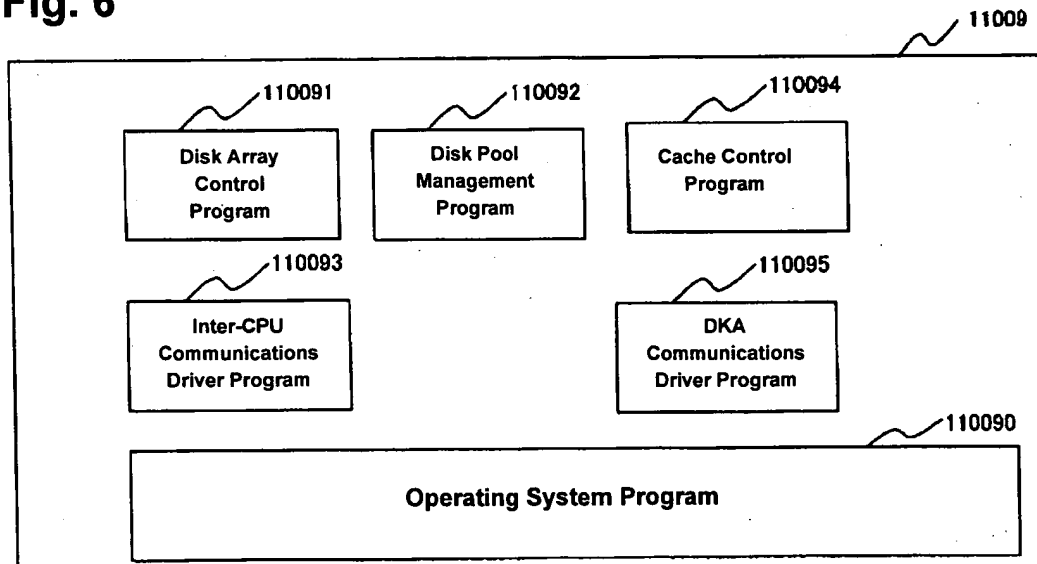


Fig. 7

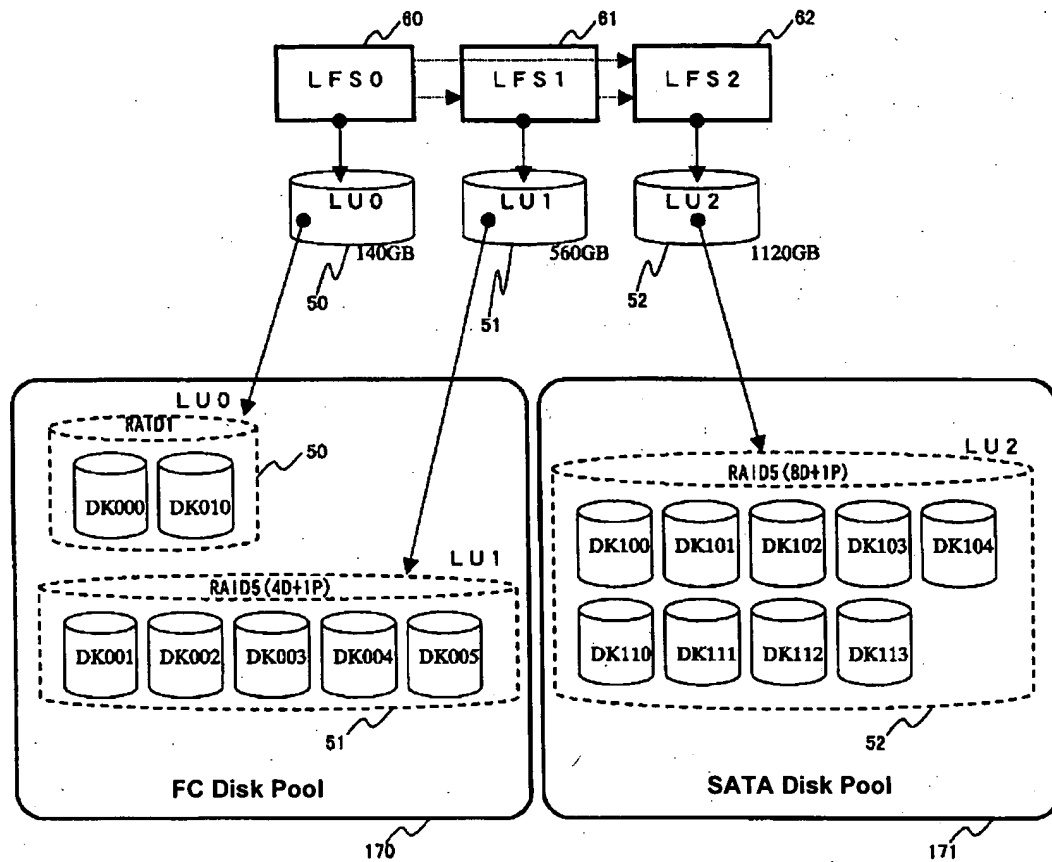


Fig. 8

Storage Class Management Table

1100451

Storage Class# (1100451a)	Storage Node# (1100451b)	Disk Pool# (1100451c)	LU# (1100451d)	LU Type (1100451e)	RAID Conf. (1100451f)	Usable Capacity (1100451g)	Used Capacity (1100451h)
OnLine Storage (Premium)	STR0	FC Pool	LU0	Local File	RAID1 1D+1P	140GB	53GB
OnLine Storage (Normal)	STR0	FC Pool	LU1	Local File	RAID5 4D+1P	560GB	125GB
NearLine Storage	STR0	SATA Pool	LU2	Local File	RAID5 8D+1P	1120GB	320GB
Archive Storage	STR1	SATA Pool	LU3	Remote File	RAID5 15D+1P	2100GB	480GB
Archive Storage	STR2	SATA Pool	LU4	Remote Block	RAID5 15D+1P	2100GB	480GB

Fig. 9

File Name Management Table

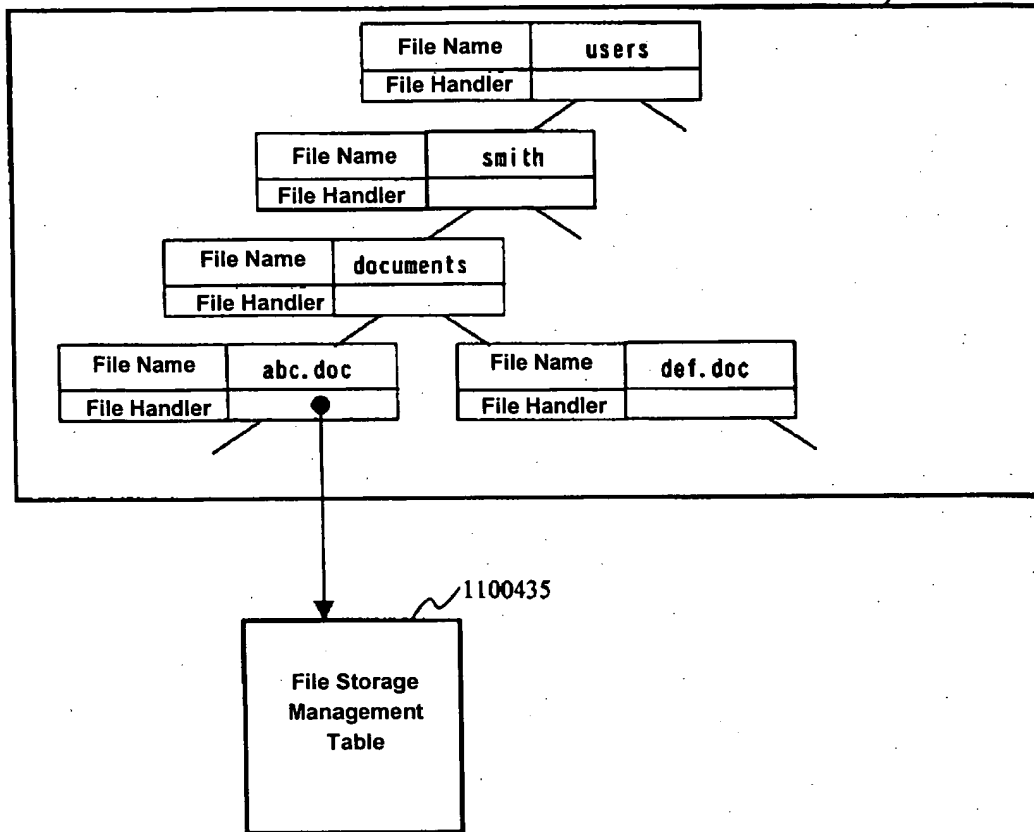


Fig. 10

File Storage Management Table

File Property Information Management Table		●	1100435
Size	49,152		
Block Number	6		
Link Destination Node Name	NULL		
Link Destination FS Name	NULL		
Link Destination File Name	NULL		
Link Destination File Handler	NULL		
Buffer Management Table	0	●	
	1	●	→
	2	●	→
	3	●	→
	4	●	→
	5	●	→
	6	NULL	
	7	NULL	

File Property Information Management Table

Buffer Management Table

Hash Link	●	→	1100437
Queue Link	●	→	
Flag	CLEAN		
Device Number	STRD, LU0		
Block Number	1234		
Number of Bytes	8192		
Buffer Size	8192	●	→
Buffer Pointer			

Fig. 11

File Property Information Management Table

1100438

Property Information Type	Category	Attribute	Content
Static Property Information	File Information	File Type	Document
		Application	XYZ Word
		Date Created	2002.11.25
		Owner	Smith
		Access Identifier	-rw-rw-rw-
	Policy	Initial Storage Class	Not designated
		Asset Value Type	Important
		Life Cycle Model	Model 1
		Migration Plan	Plan 1
Dynamic Property Information	Access Information	Time Stamp	2003.1.1
		Access Count	12
		Read Count	7
		Write Count	5
		Read Size	7,168
		Write Size	5,120
		Read Sequential Count	6
		Write Sequential Count	4
	Life Cycle stage Information	Current Life Cycle	Reference Stage
		Current Storage Class	NearLine

Fig. 12

File Storage Management Table

1100435

1100438

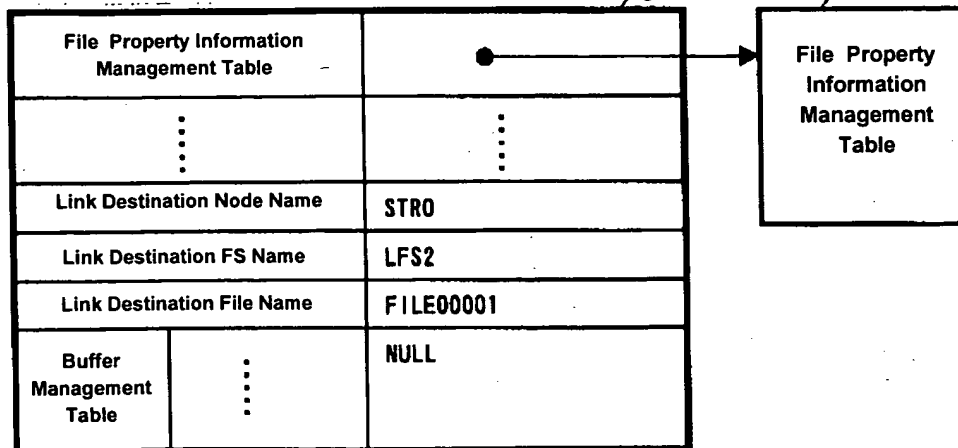


Fig. 13

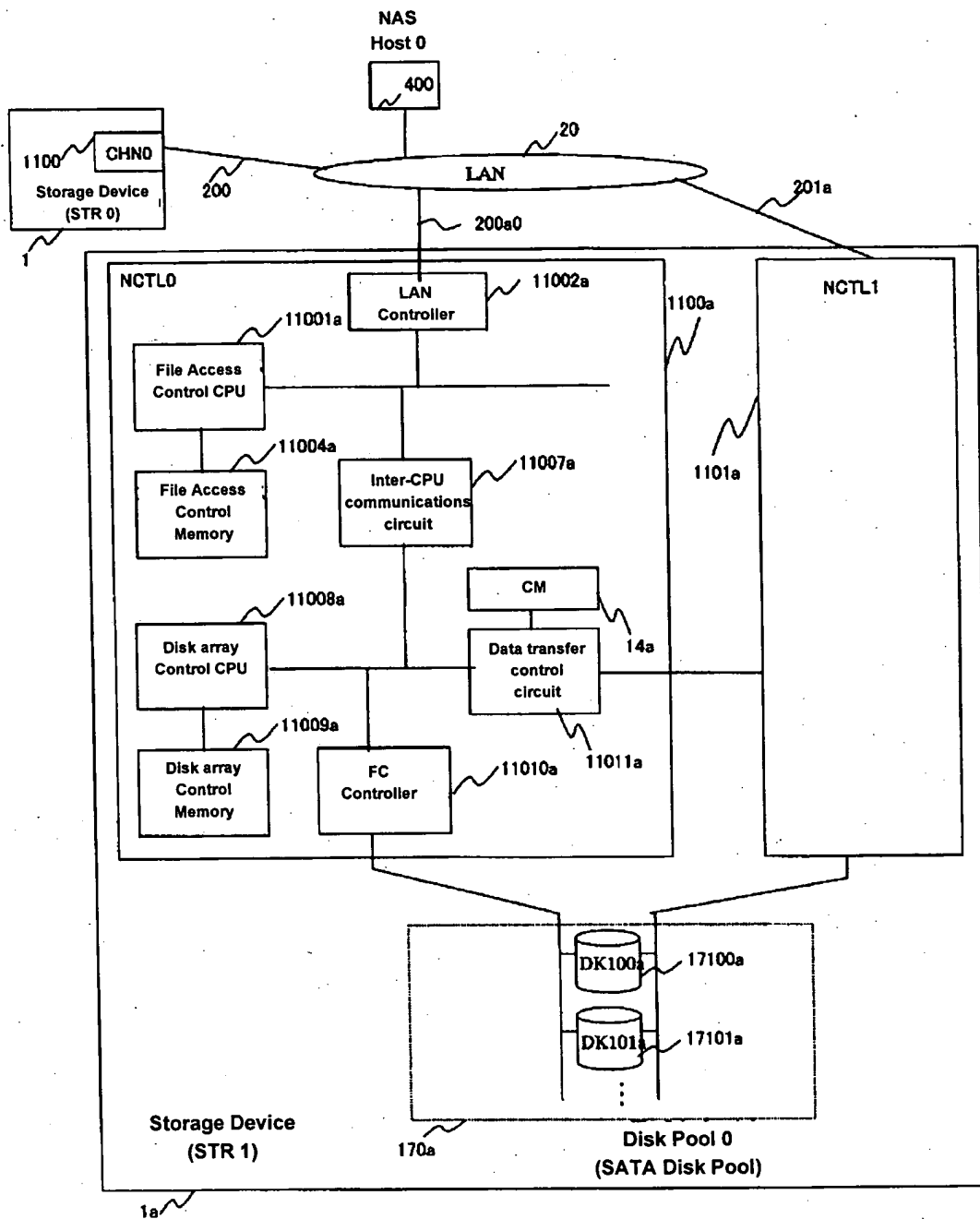


Fig. 14

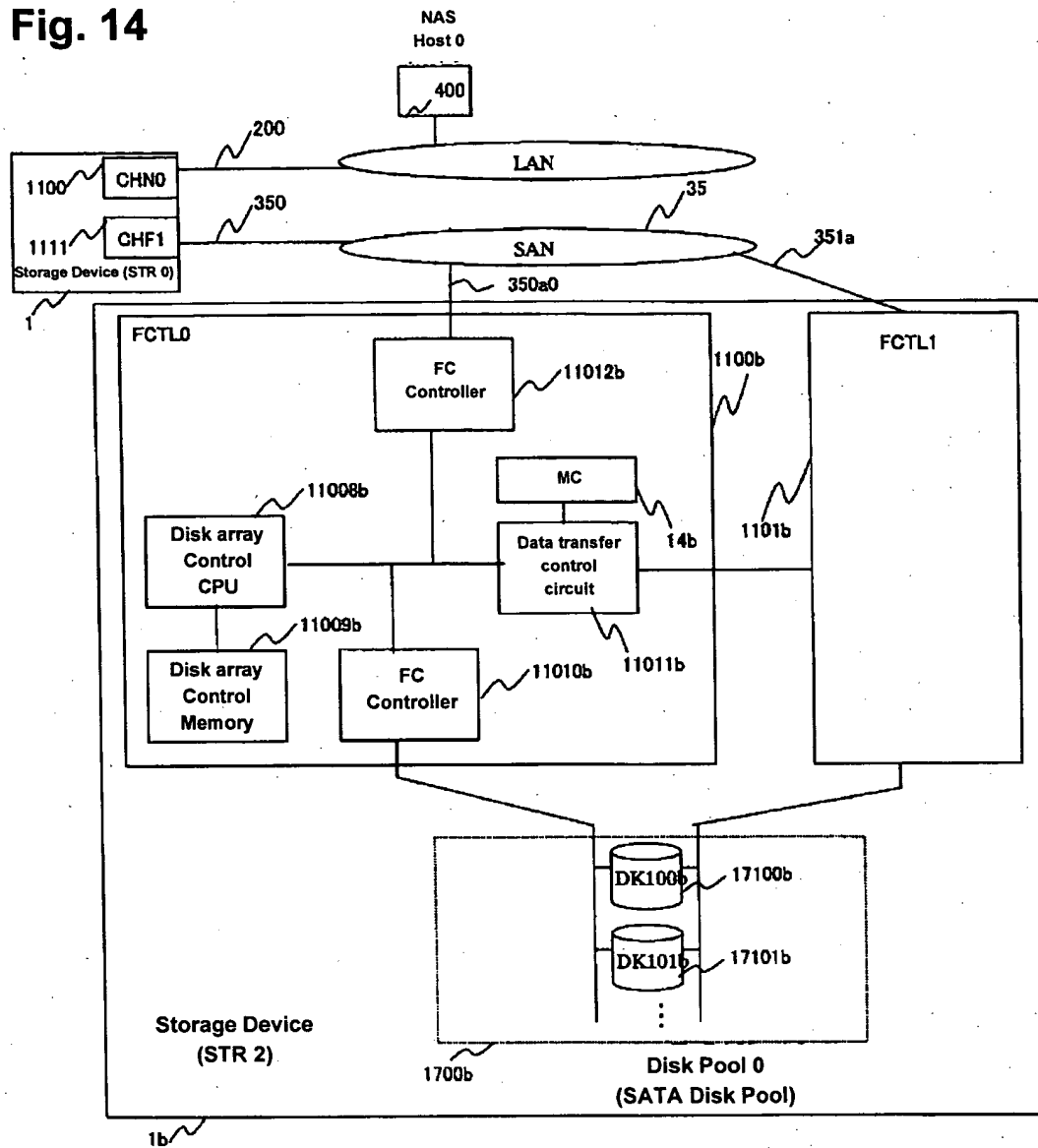


Fig. 15

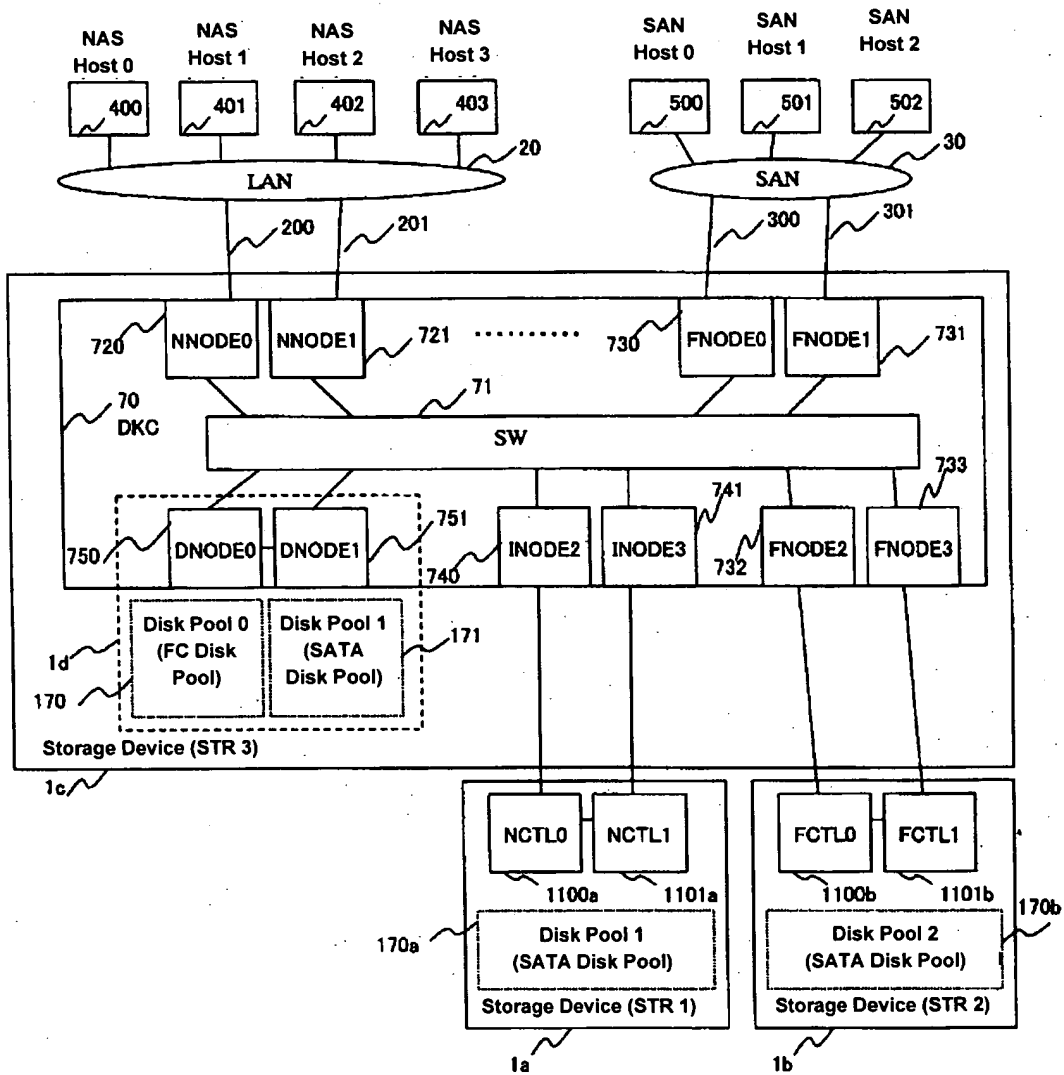


Fig. 16

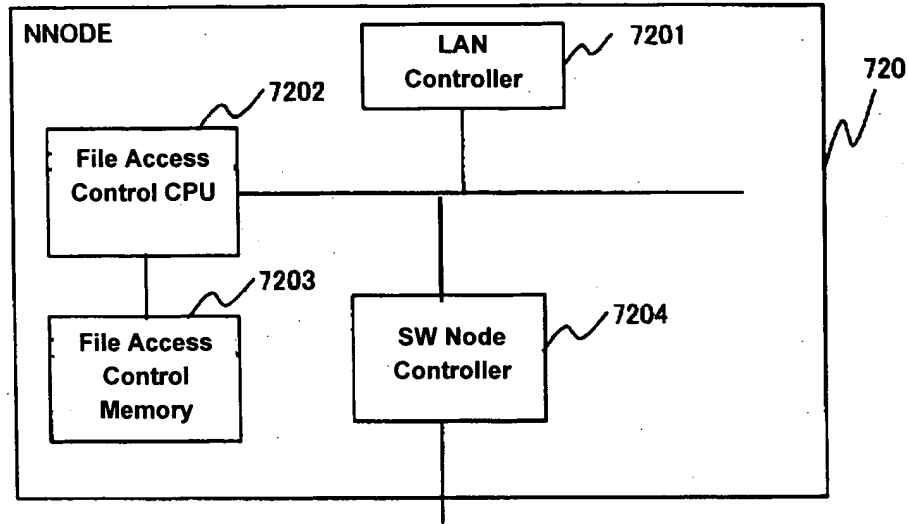


Fig. 17

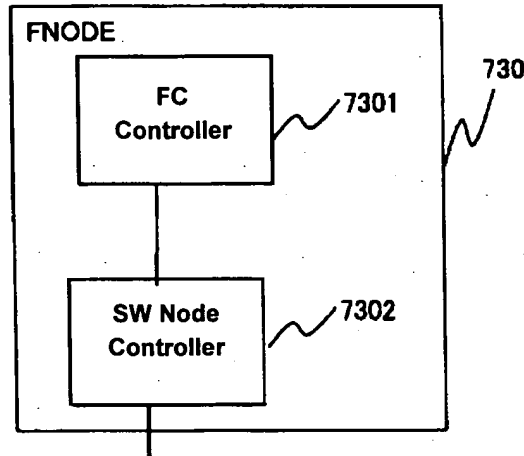


Fig. 18

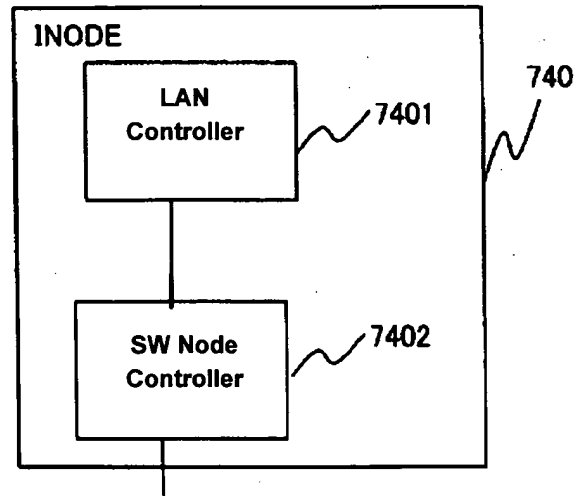


Fig. 19

